

1993 Status Report Birth Defect Prevention Act

A Report to the Legislature



California Environmental Protection Agency
DEPARTMENT OF PESTICIDE REGULATION

December 1993

California Environmental Protection Agency
DEPARTMENT OF PESTICIDE REGULATION

Pete Wilson, Governor

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Secretary for Environmental Protection

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EXECUTIVE SUMMARY of the Report to the Legislature

PURPOSE:

This report provides information on pesticide active ingredients with data gaps that exist as a result of the failure of pesticide registrants to submit acceptable chronic health effects studies. Health effects studies were to have been submitted within seven years of the enactment of the Birth Defect Prevention Act of 1984 (the Act) for 200 priority active ingredients identified as having the most significant data gaps and widespread use, and which were suspected to be hazardous to people. A "data gap" means that the Department of Pesticide Regulation (DPR) does not have on file one or more valid health effects studies in the following areas: chronic toxicity, mutagenicity, neurotoxicity, oncogenicity, reproductive effects, and teratology. The 1991 amendments to the Act (SB 550) required that a full set of mandatory health effects studies be on file with DPR no later than December 31, 1991, or products would be subject to suspension.

This is the Department's second annual report to the Legislature on the status of enforcement of the Act, as required by the 1991 legislation (SB 550).

BACKGROUND:

The Act required DPR to acquire certain toxicological data for registered pesticide active ingredients in order to make a scientific determination that their continued uses will not cause significant adverse health effects. Pesticide products containing active ingredients identified as having the potential to cause unmitigated significant adverse health effects will be cancelled or suspended.

In January 1986, each registrant of any pesticide product containing any of the 200 priority active ingredients was notified of the required studies needed to fill the data gaps. Many of the studies originally submitted did not meet the U.S. Environmental Protection Agency (USEPA) guidelines for conducting such studies. Because many of the studies were done some years ago, many registrants were unable to obtain additional data from the laboratories which conducted the original studies; thus, the studies could not be upgraded. Registrants then began contracting with laboratories to begin new studies. However, most registrants failed to complete and submit new long-term studies within the time frames in the law.

In 1991, the Act was amended (SB 550) strengthening the Director's authority to suspend products for noncompliance and requiring the Director to initiate the suspension process for products containing active ingredients for which all required health effects studies were not submitted by December 31, 1991. The amendments also provided that under certain conditions registrants and others could petition for additional time to submit the data. However, the law specifies that no pesticide product containing any of the 200 priority active ingredients for which the required studies have not been submitted by March 30, 1996, shall remain registered.

The Act, as amended, also requires DPR to report annually to the appropriate committees of the Legislature on the specific data gaps remaining for the priority 200 active ingredients.

REPORT SUMMARY:

Of the 200 active ingredients on the priority list, 151 remain registered. Most of the 49 active ingredients no longer registered were voluntarily withdrawn by registrants who chose not to support registration by providing studies required either by the state or by USEPA. Several active ingredients among these 49 were withdrawn by registrants following product suspension action in California. Several other active ingredients were withdrawn before final suspension actions could be taken. For the active ingredients that remain registered, the report identifies those studies on file with adequate data, the studies to be completed, the studies at DPR pending evaluation, and the studies with inadequate data submitted. Certain studies for which the data were found to be inadequate can be upgraded with the submission of additional information. In these cases, data generators are proceeding to acquire and submit that additional information. If studies cannot be upgraded by submission of additional data, the products containing those active ingredients are subject to suspension.

As allowed by the amended Act, extensions of time to generate and submit required health effects studies have been granted. This occurred for registrants that had submitted eight of the ten mandatory health effects studies, had initiated the remaining studies, and had taken the appropriate steps to meet these data requirements. Registrants are considered to have taken appropriate steps to comply with the Act if they: (1) responded in a timely and appropriate manner to notices and correspondence from DPR relating to data call-ins, and (2) took appropriate measures to address identified study deficiencies. DPR continues to monitor the progress of registrants in developing the required data for each active ingredient. Yearly reports are required until each study is completed. Registrants must demonstrate reasonable progress toward completion of all required studies or face suspension of the registration of all their products containing the active ingredient.

The data requirements for antimicrobial pesticide active ingredients (e.g., sanitizers and disinfectants) vary depending on the registered uses. Therefore, for certain antimicrobial products, valid data are on file even though this report shows inadequate data for certain study categories. For example, a product to which human exposure is determined to be low is required to have on file only one teratogenicity study and three mutagenicity studies. For another product containing the same active ingredient, but with a high exposure use, the entire set of mandatory health effects studies would be required.

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Another 1991 amendment to the Act (AB 1742) pertains to the nonprioritized active ingredients only (those active ingredients not on the first list of priority 200) and does not require an annual report to the Legislature. The initial data call-in notice for these nonpriority active ingredients was issued on February 28, 1992, and products containing 24 active ingredients are suspended for noncompliance with the data call-in. The final notice of data gaps and data call-in for the nonpriority active ingredients is scheduled for January 1, 1994, as specified in the Act.

CONCLUSIONS AND COMPARISONS WITH 1992:

Of the priority 200 active ingredients, 151 remain registered. There are 61 active ingredients with a valid set of data on file, compared to 39 active ingredients in 1992. The number of active ingredients with data gaps decreased from 103 to 79 this year. There are 37 active ingredients with data pending review or with one or more upgradable studies, and 21 active ingredients with studies in progress. The registrations of products containing two of the priority 200 active ingredients were suspended since the 1992 report. They are coumaphos and bendiocarb.

The following table summarizes the 1993 annual report.

BIRTH DEFECT PREVENTION ACT
ANNUAL REPORT SUMMARY
1993

Information on the status of the priority 200 pesticide active ingredients
[Food and Agricultural Code Section 13127 (a)]

ACTIVE INGREDIENT STATUS	NUMBER OF ACTIVE INGREDIENTS
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Identified for the 1986 data call-in	200
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No longer registered	49
Registrations for three were suspended before being withdrawn	

Dimethylphthalate
Naphthalene
Parathion (ethyl)

Currently registered	<u>151</u>
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A full set of valid studies is on file	61
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Studies not required at this time	10
Adequate data exist to assess potential adverse health effects	

Certain studies not required for certain uses and required studies are valid and on file for boric acid	<u>1</u>
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No additional data required	72
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Active ingredients with data gaps	79
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STATUS OF THE 79 PESTICIDE ACTIVE INGREDIENTS WITH DATA GAPS

ACTIVE INGREDIENT STATUS	NUMBER OF ACTIVE INGREDIENTS
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A full set of valid studies is not on file	79
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All studies submitted (one or more pending review and/or one or more upgradable)	37
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One or more studies are in progress	21
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Exemption requests under review for	4
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Chloroneb	Diphacinone
Rotenone	Formaldehyde

ACTIVE INGREDIENT STATUS

NUMBER OF ACTIVE INGREDIENTS

Extension of the deadline for submitting data as
authorized in Section 13127.31* is being
considered for 7

Creosote	Methyl bromide
PCP (Pentachlorophenol)	Napropamide
Dicamba	Petroleum distillates
Para-dichlorobenzene	

Suspension action dependent on review results 69

Suspension actions taken or pending 10

One or more studies not upgradable 7

These active ingredients are subject to suspension.
Suspension may be deferred for one of the seven if
loss of the active ingredient would result in economic
hardship and there are no feasible alternatives.

Active ingredients suspended 3

Bendiocarb
Coumaphos
Ferbam

10

* The law provides that the deadline may be extended if delays in submitting data were caused by actions of DPR. For example, data submission could be delayed because DPR has yet to determine whether or not specific studies are required for registered use patterns.

REPORT TO THE LEGISLATURE
BIRTH DEFECT PREVENTION ACT OF 1984

DECEMBER 1993

The Birth Defect Prevention Act of 1984, as amended, requires the Department of Pesticide Regulation to provide specific information to the Legislature beginning in 1992 and annually thereafter.

The Act requires the Director to provide information on the status of specific data gaps remaining for pesticide products containing any active ingredient identified pursuant to Food and Agricultural Code (FAC) subdivision (a) of Section 13127.

This report lists each active ingredient in alphabetical order and shows the status of the health effects data for each required study.

STATUS OF THE DATA

Specific statements are used to report the status of the mandatory health effects data for each pesticide active ingredient in the list that follows. An explanation of each statement used under the column "Status of Data: is given below.

Adequate data on file - The data on file for the study category are adequate and no additional data are required.

Data submitted under review - Data were received for the study category and are currently being reviewed. The data submitter will be informed of the status when the review is completed.

Request for reconsideration under review - A petition for reconsideration of the acceptability of this study was received and is currently being reviewed. The data submitter will be informed of the status when the review is completed.

Data not adequate - Data on file are not adequate, no petition for reconsideration is pending and no commitment to generate data has been received.

No data on file - There are no data on file and no commitment to generate data has been received.

Data not required at this time - Data not required at this time and the initiation of a study is not required.

Commitment to generate data - A commitment was received to initiate the study and submit data.

The following is an explanation of the statements used when the study categories are not listed under the chemical name.

Health effects data are not required at this time - Adequate data exist to assess potential adverse health effects.

This active ingredient is no longer registered - There are no pesticide products currently registered containing this active ingredient.

There are no remaining data gaps for this chemical at this time - All of the required mandatory health effects studies were submitted and found to be adequate.

No data have been received for this chemical at this time - No data for any study category have been submitted. Mandatory health effects studies are required.

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Mandatory Health Effects Data Base
(Current Status by Study Category)

Pesticide active ingredients identified pursuant to Section 13127 (a)
of the Food and Agricultural Code (Unit I, list of 200).

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Chemical Name: ACEPHATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: ACROLEIN

Study Category	Status of Data
Chronic Feeding, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Chronic Feeding, Dog.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Mouse.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ALACHLOR

There are no remaining datagaps for this chemical at this time.

Chemical Name: ALDICARB

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: ALDRIN

This active ingredient is no longer registered.

Chemical Name: ALKYL(50%C14,40%C12,10%C16)DIMETHYLBENZYL AMMONIUM CHLORIDE

Study Category

Status of Data

Chronic Feeding, Rat.....DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ALLETHRIN

There are no remaining datagaps for this chemical at this time.

Chemical Name: ALUMINUM PHOSPHIDE

Health effects data are not required at this time.

Chemical Name: AMITRAZ

There are no remaining datagaps for this chemical at this time.

Chemical Name: AMITROLE

This active ingredient is no longer registered.

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Chemical Name: ARSENIC PENTOXIDE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: ARSENIC TRIOXIDE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: ASULAM, SODIUM SALT

This active ingredient is no longer registered.

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Chemical Name: ATRAZINE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: AZINPHOS-METHYL

There are no remaining datagaps for this chemical at this time.

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Chemical Name: BARBAN

This active ingredient is no longer registered.

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Chemical Name: BENDIOCARB

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: BENOMYL

There are no remaining datagaps for this chemical at this time.

Chemical Name: BENTAZON, SODIUM SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: BORIC ACID

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	NO DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: BROMACIL

There are no remaining datagaps for this chemical at this time.

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Chemical Name: BROMOXYNIL OCTANOATE

Study Category	Status of Data
Chronic Feeding, Rat.....	NO DATA ON FILE.
Chronic Feeding, Dog.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....	NO DATA ON FILE.
Oncogenicity, Mouse.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Reproduction, Rodent.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rabbit.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	DATA SUBMITTED UNDER REVIEW.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CAPTAFOL

This active ingredient is no longer registered.

Chemical Name: CAPTAN

There are no remaining datagaps for this chemical at this time.

Chemical Name: CARBARYL

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: CARBOFURAN

There are no remaining datagaps for this chemical at this time.

Chemical Name: CARBON TETRACHLORIDE

This active ingredient is no longer registered.

Chemical Name: CARBOXIN

Study Category

Status of Data

Chronic Feeding, Rat.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Chronic Feeding, Dog.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Mouse.....ADEQUATE DATA ON FILE.
Reproduction, Rodent.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CHLORAMBEN

This active ingredient is no longer registered.

Chemical Name: CHLORDANE

This active ingredient is no longer registered.

Chemical Name: CHLORDIMEFORM

This active ingredient is no longer registered.

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Chemical Name: CHLORFLURENOL, METHYL ESTER

This active ingredient is no longer registered.

Chemical Name: CHLORINE

Health effects data are not required at this time.

Chemical Name: CHLOROBENZILATE

This active ingredient is no longer registered.

Chemical Name: CHLORONEB

Study Category

Status of Data

Chronic Feeding, Rat.....DATA NOT ADEQUATE.
Chronic Feeding, Dog.....DATA NOT ADEQUATE.
Oncogenicity, Rat.....NO DATA ON FILE.
Oncogenicity, Mouse.....NO DATA ON FILE.
Reproduction, Rodent.....DATA NOT ADEQUATE.
Teratology, Rat.....DATA NOT ADEQUATE.
Teratology, Rabbit.....DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..DATA NOT ADEQUATE.
Mutagenicity, DNA.....DATA NOT ADEQUATE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ORTHO-BENZYL-PARA-CHLOROPHENOL

Study Category

Status of Data

Chronic Feeding, Rat.....DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....NO DATA ON FILE.
Oncogenicity, Rat.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....NO DATA ON FILE.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..DATA NOT ADEQUATE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: CHLOROPICRIN

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CHLOROTHALONIL

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CHLORPYRIFOS

There are no remaining datagaps for this chemical at this time.

Chemical Name: CHLORSULFURON

There are no remaining datagaps for this chemical at this time.

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Chemical Name: CHLORTHAL-DIMETHYL

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: COPPER HYDROXIDE

Health effects data are not required at this time.

Chemical Name: COUMAPHOS

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

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Chemical Name: CREOSOTE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT REQUIRED AT THIS TIME.
Chronic Feeding, Dog.....	DATA NOT REQUIRED AT THIS TIME.
Oncogenicity, Rat.....	DATA NOT REQUIRED AT THIS TIME.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	NO DATA ON FILE.
Teratology, Rat.....	NO DATA ON FILE.
Teratology, Rabbit.....	NO DATA ON FILE.
Mutagenicity, Gene Mut...	DATA NOT ADEQUATE.
Mutagenicity, Chrom. Ab..	NO DATA ON FILE.
Mutagenicity, DNA.....	NO DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CRYOLITE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CYANAZINE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: CYANURIC ACID, MONOSODIUM SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: CYCLOATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: CYHEXATIN

This active ingredient is no longer registered.

Chemical Name: 2,4-D

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: 2,4-D, DIMETHYLAMINE SALT

Study Category

Status of Data

Chronic Feeding, Rat.....ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....ADEQUATE DATA ON FILE.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DAMINOZIDE

There are no remaining datagaps for this chemical at this time.

Chemical Name: DDVP

There are no remaining datagaps for this chemical at this time.

Chemical Name: DEET

Study Category

Status of Data

Chronic Feeding, Rat.....COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....ADEQUATE DATA ON FILE.
Reproduction, Rodent.....ADEQUATE DATA ON FILE.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: DEMETON

This active ingredient is no longer registered.

Chemical Name: DIAZINON

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: DICAMBA

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: DICHLOBENIL

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: PARA-DICHLOROBENZENE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	NO DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: 1,2-DICHLOROPROPANE, 1,3-DICHLOROPROPENE AND RELATED C-3 COMPOUNDS

This active ingredient is no longer registered.

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Chemical Name: 1,3 DICHLOROPROPENE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DICLOFOP METHYL

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DICOFOL

There are no remaining datagaps for this chemical at this time.

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Chemical Name: DIDECYL DIMETHYL AMMONIUM CHLORIDE

Study Category

Status of Data

Chronic Feeding, Rat.....DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DIETHATYL-ETHYL

Study Category

Status of Data

Chronic Feeding, Rat.....ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....ADEQUATE DATA ON FILE.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DIMETHOATE

Study Category

Status of Data

Chronic Feeding, Rat.....ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....ADEQUATE DATA ON FILE.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....ADEQUATE DATA ON FILE.

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Chemical Name: DIMETHYLPHTHALATE

This active ingredient is no longer registered.

Chemical Name: 2,4-DINITROPHENOL

This active ingredient is no longer registered.

Chemical Name: DINOCAP

This active ingredient is no longer registered.

Chemical Name: DINOSEB

This active ingredient is no longer registered.

Chemical Name: DIOXATHION

This active ingredient is no longer registered.

Chemical Name: DIPHACINONE

Study Category	Status of Data
Chronic Feeding, Rat.....	NO DATA ON FILE.
Chronic Feeding, Dog.....	NO DATA ON FILE.
Oncogenicity, Rat.....	NO DATA ON FILE.
Oncogenicity, Mouse.....	NO DATA ON FILE.
Reproduction, Rodent.....	NO DATA ON FILE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	NO DATA ON FILE.
Mutagenicity, Gene Mut...	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	NO DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: DIPHENAMID

This active ingredient is no longer registered.

Chemical Name: DIPHENYLAMINE

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DIPROPYL ISOCINCHOMERONATE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: DIQUAT DIBROMIDE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: DIURON

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ENDOSULFAN

There are no remaining datagaps for this chemical at this time.

Chemical Name: ENDOTHALL, MONO (N,N-DIMETHYLALKYLAMINE) SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ENDRIN

This active ingredient is no longer registered.

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Chemical Name: EPN

This active ingredient is no longer registered.

Chemical Name: EPTC

There are no remaining datagaps for this chemical at this time.

Chemical Name: ETHALFLURALIN

There are no remaining datagaps for this chemical at this time.

Chemical Name: ETHEPHON

There are no remaining datagaps for this chemical at this time.

Chemical Name: ETHOFUMESATE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	DATA NOT ADEQUATE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ETHOPROP

There are no remaining datagaps for this chemical at this time.

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Chemical Name: ETHYL ALCOHOL

Health effects data are not required at this time.

Chemical Name: ETHYLENE DIBROMIDE

This active ingredient is no longer registered.

Chemical Name: ETHYLENE DICHLORIDE

This active ingredient is no longer registered.

Chemical Name: ETHYLENE GLYCOL, MONOMETHYL ETHER

Health effects data are not required at this time.

Chemical Name: ETHYLENE OXIDE

Study Category

Status of Data

Chronic Feeding, Rat.....ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....ADEQUATE DATA ON FILE.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: FENAMIPHOS

There are no remaining datagaps for this chemical at this time.

Chemical Name: FENARIMOL

There are no remaining datagaps for this chemical at this time.

Chemical Name: FENSULFOTHION

This active ingredient is no longer registered.

Chemical Name: FENTHION

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: FERBAM

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	NO DATA ON FILE.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	NO DATA ON FILE.
Teratology, Rat.....	NO DATA ON FILE.
Teratology, Rabbit.....	NO DATA ON FILE.
Mutagenicity, Gene Mut...	NO DATA ON FILE.
Mutagenicity, Chrom. Ab..	NO DATA ON FILE.
Mutagenicity, DNA.....	NO DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: FLUCHLORALIN

This active ingredient is no longer registered.

Chemical Name: FLUCYTHRINATE

This active ingredient is no longer registered.

Chemical Name: FLUOMETURON

This active ingredient is no longer registered.

Chemical Name: FLUVALINATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: FOLPET

There are no remaining datagaps for this chemical at this time.

Chemical Name: FORMALDEHYDE

Study Category

Status of Data

Chronic Feeding, Rat.....DATA NOT ADEQUATE.
Chronic Feeding, Dog.....NO DATA ON FILE.
Oncogenicity, Rat.....DATA NOT ADEQUATE.
Oncogenicity, Mouse.....NO DATA ON FILE.
Reproduction, Rodent.....NO DATA ON FILE.
Teratology, Rat.....NO DATA ON FILE.
Teratology, Rabbit.....NO DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: FOSAMINE, AMMONIUM SALT

This active ingredient is no longer registered.

Chemical Name: GLYPHOSATE, ISOPROPYLAMINE SALT

There are no remaining datagaps for this chemical at this time.

Chemical Name: HEPTACHLOR

This active ingredient is no longer registered.

Chemical Name: HYDROGEN CHLORIDE

Health effects data are not required at this time.

Chemical Name: IMAZALIL

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: IPRODIONE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: ISOPROPYL ALCOHOL

Health effects data are not required at this time.

Chemical Name: LINDANE

There are no remaining datagaps for this chemical at this time.

Chemical Name: LINURON

There are no remaining datagaps for this chemical at this time.

Chemical Name: LITHIUM HYPOCHLORITE

Study Category

Status of Data

Chronic Feeding, Rat.....NO DATA ON FILE.
Chronic Feeding, Dog.....NO DATA ON FILE.
Oncogenicity, Rat.....NO DATA ON FILE.
Oncogenicity, Mouse.....NO DATA ON FILE.
Reproduction, Rodent.....NO DATA ON FILE.
Teratology, Rat.....ADEQUATE DATA ON FILE.
Teratology, Rabbit.....DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

Chemical Name: MALATHION

There are no remaining datagaps for this chemical at this time.

Chemical Name: MALEIC HYDRAZIDE, DIETHANOLAMINE SALT

This active ingredient is no longer registered.

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Chemical Name: MALEIC HYDRAZIDE, POTASSIUM SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: MANCOZEB

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: MANEB

There are no remaining datagaps for this chemical at this time.

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Chemical Name: MEFLUIDIDE, DIETHANOLAMINE SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	DATA SUBMITTED UNDER REVIEW.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: METALDEHYDE

Study Category	Status of Data
Chronic Feeding, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: METAM-SODIAM

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: METHIDATHION

There are no remaining datagaps for this chemical at this time.

Chemical Name: METHOMYL

There are no remaining datagaps for this chemical at this time.

Chemical Name: METHYL BROMIDE

Study Category	Status of Data
Chronic Feeding, Rat.....	NO DATA ON FILE.
Chronic Feeding, Dog.....	NO DATA ON FILE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: METHYLENE CHLORIDE

This active ingredient is no longer registered.

Chemical Name: METHYLENEBIS(THIOCYANATE)

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: METHYL PARATHION

Study Category	Status of Data
Chronic Feeding, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Chronic Feeding, Dog.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: METOLACHLOR

There are no remaining datagaps for this chemical at this time.

Chemical Name: METRIBUZIN

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: MEVINPHOS

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: MOLINATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: MONOCROTOPHOS

This active ingredient is no longer registered.

Chemical Name: MSMA

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: NALED

There are no remaining datagaps for this chemical at this time.

Chemical Name: NAPHTHALENE

This active ingredient is no longer registered.

Chemical Name: NAPROPAMIDE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: NAP TALAM, SODIUM SALT

This active ingredient is no longer registered.

Chemical Name: NITRAPYRIN

There are no remaining datagaps for this chemical at this time.

Chemical Name: NORFLURAZON

There are no remaining datagaps for this chemical at this time.

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Chemical Name: OCTYLBICYCLOHEPTENE DICARBOXIMIDE

Study Category

Status of Data

Chronic Feeding, Rat.....DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: ORYZALIN

There are no remaining datagaps for this chemical at this time.

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Chemical Name: OXADIAZON

There are no remaining datagaps for this chemical at this time.

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Chemical Name: OXAMYL

There are no remaining datagaps for this chemical at this time.

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Chemical Name: OXYCARBOXIN

This active ingredient is no longer registered.

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Chemical Name: OXYFLUORFEN

There are no remaining datagaps for this chemical at this time.

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Chemical Name: OXYTHIOQUINOX

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: PARAQUAT DICHLORIDE

There are no remaining datagaps for this chemical at this time.

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Chemical Name: PARATHION

This active ingredient is no longer registered.

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Chemical Name: PCNB

There are no remaining datagaps for this chemical at this time.

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Chemical Name: PCP

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	COMMITMENT TO GENERATE DATA.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: PEBULATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: PENDIMETHALIN

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: PERMETHRIN

There are no remaining datagaps for this chemical at this time.

Chemical Name: PETROLEUM DISTILLATES, AROMATIC

Study Category	Status of Data
Chronic Feeding, Rat.....	NO DATA ON FILE.
Chronic Feeding, Dog.....	NO DATA ON FILE.
Oncogenicity, Rat.....	NO DATA ON FILE.
Oncogenicity, Mouse.....	DATA NOT ADEQUATE.
Reproduction, Rodent.....	NO DATA ON FILE.
Teratology, Rat.....	NO DATA ON FILE.
Teratology, Rabbit.....	NO DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	DATA NOT ADEQUATE.
Mutagenicity, DNA.....	NO DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: PHENOTHRIN

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ORTHO-PHENYLPHENOL

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: PHORATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: PHOSALONE

This active ingredient is no longer registered.

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Chemical Name: PHOSMET

There are no remaining datagaps for this chemical at this time.

Chemical Name: PHOSPHAMIDON

This active ingredient is no longer registered.

Chemical Name: PHOSPHORIC ACID

Health effects data are not required at this time.

Chemical Name: PICLORAM

This active ingredient is no longer registered.

Chemical Name: PINE OIL

There are no remaining datagaps for this chemical at this time.

Chemical Name: PIPERONYL BUTOXIDE, TECHNICAL

Study Category

Status of Data

Chronic Feeding, Rat.....ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....ADEQUATE DATA ON FILE.
Teratology, Rat.....DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: PMA

This active ingredient is no longer registered.

Chemical Name: PROMETRYN

There are no remaining datagaps for this chemical at this time.

Chemical Name: PROPAMOCARB

This active ingredient is no longer registered.

Chemical Name: PROPARGITE

There are no remaining datagaps for this chemical at this time.

Chemical Name: PROPETAMPHOS

This active ingredient is no longer registered.

Chemical Name: PROPOXUR

There are no remaining datagaps for this chemical at this time.

Chemical Name: PROPYZAMIDE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: PYRETHRINS

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	DATA NOT ADEQUATE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: RESMETHRIN

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Reproduction, Rodent.....	COMMITMENT TO GENERATE DATA.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ROTENONE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: SIMAZINE

There are no remaining datagaps for this chemical at this time.

Chemical Name: SODIUM ARSENITE

This active ingredient is no longer registered.

Chemical Name: SULFUR

Health effects data are not required at this time.

Chemical Name: SULFUR DIOXIDE

Health effects data are not required at this time.

Chemical Name: SULFURYL FLUORIDE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: TERBACIL

This active ingredient is no longer registered.

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Chemical Name: TERRAZOLE

This active ingredient is no longer registered.

Chemical Name: TETRACHLOROPHENOL

This active ingredient is no longer registered.

Chemical Name: TETRACHLORVINPHOS

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: TETRAMETHRIN

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: THIABENDAZOLE, HYPOPHOSPHITE SALT

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: THIOBENCARB

There are no remaining datagaps for this chemical at this time.

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Chemical Name: THIOPHANATE-METHYL

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: THIRAM

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA SUBMITTED UNDER REVIEW.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Mouse.....	DATA SUBMITTED UNDER REVIEW.
Reproduction, Rodent.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: TOXAPHENE

This active ingredient is no longer registered.

Chemical Name: TRIADIMEFON

There are no remaining datagaps for this chemical at this time.

Chemical Name: S,S,S-TRIBUTYLPHOSPHOROTRITHIOATE

There are no remaining datagaps for this chemical at this time.

Chemical Name: TRIBUTYLTIN BENZOATE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: TRIBUTYLTIN OXIDE

Study Category	Status of Data
Chronic Feeding, Rat.....	DATA NOT ADEQUATE.
Chronic Feeding, Dog.....	DATA NOT ADEQUATE.
Oncogenicity, Rat.....	DATA NOT ADEQUATE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	DATA SUBMITTED UNDER REVIEW.
Teratology, Rabbit.....	DATA NOT ADEQUATE.
Mutagenicity, Gene Mut...	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Chrom. Ab..	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: TRICHLOROPHON

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	ADEQUATE DATA ON FILE.

Chemical Name: TRICHLORO-S-TRIAZINETRIONE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	DATA SUBMITTED UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

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Chemical Name: TRICLOPYR

There are no remaining datagaps for this chemical at this time.

Chemical Name: TRIFLURALIN

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: TRIFORINE

Study Category	Status of Data
Chronic Feeding, Rat.....	ADEQUATE DATA ON FILE.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	DATA NOT ADEQUATE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	REQUEST FOR RECONSIDERATION UNDER REVIEW.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: VERNOLATE

This active ingredient is no longer registered.

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Chemical Name: VINCLOZOLIN

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	ADEQUATE DATA ON FILE.
Oncogenicity, Rat.....	COMMITMENT TO GENERATE DATA.
Oncogenicity, Mouse.....	COMMITMENT TO GENERATE DATA.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.

Chemical Name: ZIRAM

Study Category	Status of Data
Chronic Feeding, Rat.....	COMMITMENT TO GENERATE DATA.
Chronic Feeding, Dog.....	DATA SUBMITTED UNDER REVIEW.
Oncogenicity, Rat.....	ADEQUATE DATA ON FILE.
Oncogenicity, Mouse.....	ADEQUATE DATA ON FILE.
Reproduction, Rodent.....	ADEQUATE DATA ON FILE.
Teratology, Rat.....	ADEQUATE DATA ON FILE.
Teratology, Rabbit.....	ADEQUATE DATA ON FILE.
Mutagenicity, Gene Mut...	ADEQUATE DATA ON FILE.
Mutagenicity, Chrom. Ab..	ADEQUATE DATA ON FILE.
Mutagenicity, DNA.....	ADEQUATE DATA ON FILE.
Neurotoxicity, Hen.....	DATA NOT REQUIRED AT THIS TIME.